

**DECLARATION AND POWER  
OF ATTORNEY FOR UTILITY  
OR DESIGN**

**PATENT APPLICATION**

☐ Declaration      ☒ Declaration  
Submitted with      Submitted after Initial  
Initial Filing      Filing (surcharge  
37 CFR 1.16(c) required)

Attorney Docket No.	AWR-004
First Named Inventor	Gross et al.
<b>COMPLETE IF KNOWN</b>	
Application Serial Number	PCT/US98/21442
Filing Date	10/09/98
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SPLITTERLESS MULTICARRIER MODEM**

*(Title of the Invention)*

the specification of which

☐ is attached hereto

OR

☒ was filed on  
(MM/DD/YYYY)

10/09/1998

as United States Application Serial Number or PCT International

Application Number

PCT/US98/21442

and was amended on (MM/DD/YYYY) 08/23/1999

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(c) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
60/061,689	10/10/97	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

## DECLARATION – Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US98/21442	10/09/1998	

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As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number  → Place Customer  
Number Bar Code  
Label Here

OR


☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Steven M. Bauer	31,481	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Isabelle A.S. Blundell	43,321	David G. Miranda	42,898
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Edmund R. Pitcher	27,829
Jennifer A. Camacho	43,526	Dianne M. Rees	45,281
Joseph A. Capraro, Jr.	36,471	Michael A. Rodriguez	41,274
John J. Cotter	38,116	R. Stephen Rosenholm	45,283
John V. Forcier	42,545	Christopher W. Stamos	35,370
Michael J. Giannetta	42,574	Joseph P. Sullivan	45,349
Duncan A. Greenhalgh	38,678	Robert J. Tosti	35,393
William G. Guerlin	41,047	Thomas A. Turano	35,722
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Danielle L. Herritt	43,670	Christine C. Vito	39,061
Mi Kim	44,830	Patrick R.H. Waller	41,418
Douglas J. Kline	35,574	Daniel A. Wilson	P-45,508
John D. Lanza	40,060	Yin P. Zhang	44,372
Timothy P. Linkkila	40,702		
Kurt W. Lockwood	40,704		

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

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 Fax No.: (617) 248-7100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Richard W.				Gross			
Inventor's Signature						Date	
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							USA
Name of Additional or Joint Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
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Inventor's Signature						Date	
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							USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
David M.				Krinsky -			
Inventor's Signature						Date	
Residence	City	Acton	State	MA	Country	USA	Citizenship
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P.O. Address (line 2)	City	Acton	State	MA	ZIP	01720	Country
							USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Marcos				Tzannes			
Inventor's Signature						Date	
Residence	City	Orinda	State	CA	Country	USA	Citizenship
Post Office Address	121 LaEsperla						
P.O. Address (line 2)	City	Orinda	State	CA	ZIP	94563	Country
							USA
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor sheet attached hereto.							

Date Feb 10, 2000

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))				Family Name or Surname				
Michael A.				Tzannes				
Inventor's Signature						Date		
Residence	City	Lexington	State	MA	Country	USA	Citizenship	USA
Post Office Address		17 Carley Road						
P.O. Address (line 2)	City	Lexington	State	MA	ZIP	02173	Country	USA

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Richard W.						Gross					
Inventor's Signature		<i>Richard W. Gross</i>						Date		2/10/00	
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Post Office Address 14 Balsam Drive											
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John A.						Greszczuk					
Inventor's Signature		<i>John A. Greszczuk</i>						Date		3/10/00	
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David M.						Krinsky					
Inventor's Signature		<i>David M. Krinsky</i>						Date		7/10/00	
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Post Office Address		17 Carley Road						
P.O. Address (line 2)	City	Lexington	State	MA	ZIP	02173	Country	USA

939427

State of MA, County of MIDDLESEX  
Signed before me on this 17TH day  
of FEB, 2000 by MICHAEL TZANNES  
Notary Public J. A. Caldwell  
EXP. 9/11/03